



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3712

Job Sheet 170467



(D)

Part No: 646.3712

Part Name: Clip



Part Weight: 0 lbs

Job Created: 1/16/18

Due Date: 2/8/18

Type: SOLD

Note: DWG REV A IPP REV:A 12.11.23 NEW ISSUE DD VERF:JLM

Ship Via:

Job Qty: 20 ea

20

Status: Scheduled

Priority: Medium

Job Tracking No:

Created By: Linda Lacelle

Description:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		2/7/18	0.00	0.00	Start Up Waterjet		SC 18/02/04
110	Waterjet	20 pcs		2/7/18	0.00	0.54	Waterjet1		SC 18/02/04
120	QC	20 pcs		2/7/18	0.00	0.00	QC2 Waterjet-1		SC 18/02/04
130	QC	20 pcs		2/7/18	0.00	0.00	QC8-1		93
140	Brake NC	20 pcs		2/7/18	0.04	0.86	Brake NC 1		38
150	QC	20 pcs		2/7/18	0.00	0.00	QC5		38
155	HandFinish	20 pcs		2/7/18	0.00	0.59	HandFinish4		18-02-22 8A
160	Outsource	20 pcs		2/8/18	0.00	0.17	Outsource4		AT 18/03/26
170	Packaging	20 pcs		2/8/18	0.00	0.00	Packaging2		ATDAS-3/26
180	QC	20 pcs		2/8/18	0.00	0.00	QC5		11 MAR 27 2018
210	Packaging	20 pcs		2/8/18	0.00	0.00	Packaging3-1		MAR 28 2018
220	QC21-SA	20 Ea		2/8/18	0.00	0.00	QC21		21 9-30 MAR 02 2018

Part Op 110 - 1-Cut 646.3711 as per Dwg

Descriptions: 155 - CLEAN AND REMOVE ALL MARKINGS

160 - Issue P/O to ATG : 039/02

210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6S.063	1	209	0	0

5218007

(8)

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Clip	1Inches ± 0	1 1		
2	Clip	2Inches ± 0	2 2		
3	Clip	3Inches ± 0	3 3		
4	Clip	0Inches ± 0	0 0		

QA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ Description V _____	DISPOSITION Rework ☐	AGAINST DEPARTMENT/PROCESS Skid-tube Machining ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging Supplier ☐ Engineering Quality ☐ Other ☐
		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval

Job No: 170467
 Start up Operation 02/04/18

PART NO: 646.3712
 Original Serial #: S038797
 Revision: _____
 Operation: _____
 Change No: _____

S038797
 DART AEROSPACE
 Clip

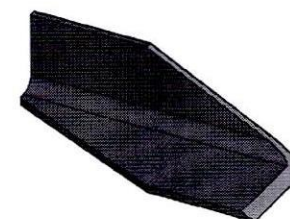
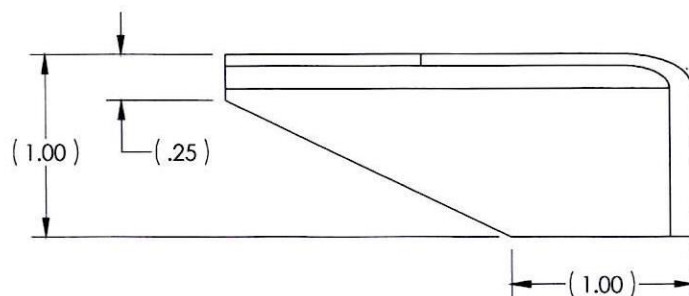
DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 CANADA
 TEL: 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Root Cause			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Force ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioning ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐

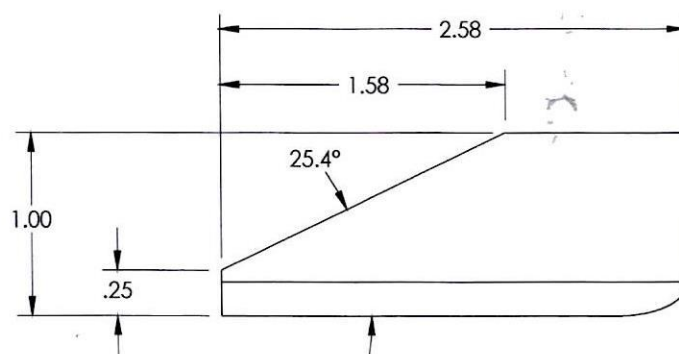
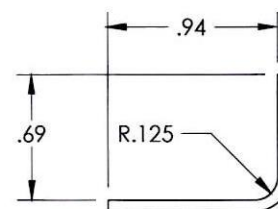
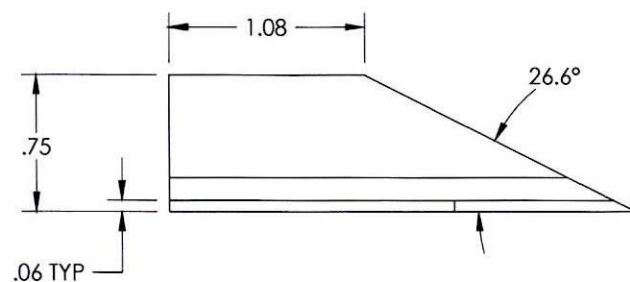
OTHER : ☐

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



646.3711 SHOWN
646.3712 OPPOSITE



NEXT ASSY (S)	ORIGINAL DATE (DAY-MO-YR)	08-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL	
	DRAWN BY	CHECKED		
	P. BRAVO	S. JOSEPH		
	DRAWING APPROVAL	S. JOSEPH		
	DATE	08-18-08	SHEET 3 OF 9	
	CONTRACT NO.			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE 8	CAGE CODE 07MZ6
	SCALE: NONE		DWG. NO. 646.3700	REV. A



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039182

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039182

PO Date: 3/2/18

Due Date: 3/16/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 14 2018

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

				Items						
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170833	D5501-3	Body, Lower Cutter, Short Issue P/O to ATG: _____ HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 PRIME AS PER IAW MIL- P-23377J TYPE 1 CLASS N ***1-2 MIL MAX AS PER QSI005*** As Per Dwg D5501 Rev. A7 Certification of Conformity is required	Firmed	3/26/18	6 pcs	0 pcs	6 pcs	\$16.33/pcs	\$97.98
2	170453	646.3210	Support Issue P/O to ATG: _____ 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed	3/26/18	12 pcs	0 pcs	12 pcs	\$15.18/pcs	\$182.16
3	171981	646.3312	Center Plate Issue P/O to ATG: _____ Hard Anodize Color Black, Prime as per Dwg 646.3300 Rev. N/C	Firmed	3/26/18	20 pcs	0 pcs	20 pcs	\$12.88/pcs	\$257.60
4	170464	646.3610	Filler Issue P/O to ATG: _____ 1- Hard Anodize Black and Prime as per Dwg 646.3600	Firmed	3/26/18	12 pcs	0 pcs	12 pcs	\$7.43/pcs	\$89.16
5	170466	646.3711	Clip Issue P/O to ATG: _____ Hard Black Anodize and Prime as per Dwg 646.3700 Rev. A	Firmed	3/26/18	21 pcs	0 pcs	21 pcs	\$6.93/pcs	\$145.53
6	170467	646.3712	Clip Issue P/O to ATG: _____ Hard Anodize, Color Black and Prime as Per Dwg 646.3712 Rev. A	Firmed	3/26/18	18 pcs	0 pcs	19 pcs	\$6.93/pcs	\$131.67
7	170468	646.3713	Gusset Issue P/O to ATG: _____ Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	3/26/18	21 pcs	0 pcs	21 pcs	\$16.58/pcs	\$348.18

Plex 3/14/18 10:36 AM dart.lavoie.chantal



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914804

Date: 22-Mar-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
6 ea	Part: D5501-3 Body, Lower Cutter, Short Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - 2 mils) per drawing. Job: 22631	Rev: A7 PO: PO039182	Line: 1
1 ea	Part: 647.7820 Cross Bracket Aft Outsource process - Anodize per QSI017 4.1.10.1 Job: 22640	Rev: A PO: PO039182	Line: 10
21 ea	Part: 646.3711 Clip ANO/PRIME1 Job: 22635	Rev: A PO: PO039182	Line: 5
19 ea	Part: 646.3712 Clip Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22636	Rev: A PO: PO039182	Line: 6
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>22/03/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ Made in Canada			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914804

Date: 22-Mar-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		OUR TRUCK
Quantity	Description	
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
	Made in Canada.	